



THE

# RecyCool PLANET

The Official RecyCool Club Publication

Winter Edition

## Greetings!



## WE ARE GOING ONLINE

**Happy 2007 RecyCoolers!** Wow, I can't believe that another year has come and gone again. I sure hope everyone had a great holiday season, like I did. No matter which holiday you and your family celebrate, it is a wonderful time for being with loved ones and making many great memories.

One of my favorite things about the holidays is enjoying all of the yummy food and treats. I went to a lot of holiday parties this season and boy, I ate and drank so much good stuff! After the parties, there would always be lots of recyclable bottles and cans left over. Soda cans, juice bottles, water bottles, energy drink cans—there were so many empty bottles and cans! Can you guess what I did with all of them?

That's right—I took them to the recycling center where they gave me money for them. It was awesome. But that's not even the best part. The best part was how much money I actually got. You see, starting on January 1, the California Redemption Value (CRV) increased from 4 cents and 8 cents to 5 cents and 10 cents.

That means that you can now get a nickel for containers less than 24 ounces and a dime for containers 24 ounces and larger. That is a whole lot of money! I know that all of you RecyCoolers do a great job of recycling all of your bottles and cans, but can you believe that there are still people who throw them away? I know, it sounds crazy, but it's true.

Not only are these people harming the environment, but they're throwing away cash!

That is why it is so important for you and I to teach others about recycling, reducing and reusing. The more people who recycle, the cleaner and healthier our planet will be. Talk to your family, friends and neighbors about recycling and tell them about all the good reasons to recycle. Be sure to also tell them that they can get more money now for recycling as well. Everyone can use a little extra cash in their pocket!

Did any of you RecyCoolers make New Year's resolutions like I did? I always make one or two of them and I do my best to follow through on them. This year, I made a New Year's resolution to talk to as many Californians as I can about recycling, reducing and reusing. Whenever I meet a new friend, I am going to tell them all about recycling and all the ways in which they can help make the planet a cleaner, healthier and happier place to live.

I hope all of you RecyCoolers enjoy the rest of your winter and as always, remember to recycle where you live, learn and play!

## RECYCLE

*Recycle  
Rex*



**Hey there RecyCoolers!** I have some important news for all of my RecyCool Club friends. We all know how important it is to recycle, reduce, reuse and make less trash for the environment, right? Well, I have been spending some time thinking about the changes that I can make to help keep our planet happy and healthy and I thought of a great idea. Instead of mailing out thousands of newsletters to all my friends every few months, why not put it online and save all that paper? So, that's what I'm going to be doing from now on. My newsletters will still have all the fun facts, crafts and games that they usually do, only now you can just go to **www.recyclerex.com** to read them instead of waiting for them to come to your mailbox!

**recyclerex.com**

# Secret Valentine (or anytime) Message

Have you ever wondered what to do with old magazines that are lying around the house? If you or your parents have a stack of magazines that have already been read, there's no need to throw them away. You can either pass them along for someone else to read, recycle them or use them to create a fun and secret Valentine's card for a special friend. By using letters cut out from old magazines instead of your handwriting, you can be someone's secret admirer!



- When your card is finished, it's time to deliver it. Drop it in the recipient's mailbox or leave it at his or her front door to find!

## Materials:

- Magazines
- Construction paper
- Markers, crayons or colored pencils
- Glue stick
- Scissors

- Begin by looking through your magazines to find words or letters to use in your card. Try to find large and colorful letters and words. It does not matter if the letters are lower case or upper case. Hint: A good way to keep your letters organized is to use a couple of old egg cartons. You can use the egg slots to file your letters in alphabetical order.

- Once you have a good collection of letters gathered, it's time to figure out what you want your card to say. Use a piece of scratch paper to write down your message.

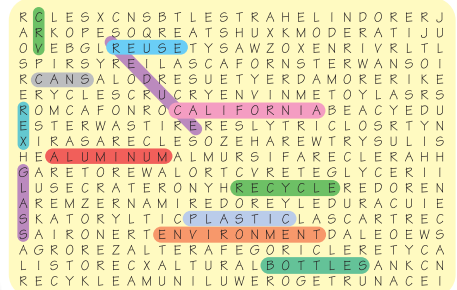
- Gather the letters you will need to spell out your message. Fold a piece of construction paper in half to make a card. Use the glue stick to paste your letters on the outside and the inside of your card.

- Now, it's time to decorate your card. Use your markers, colored pencils or crayons to draw pictures on your card and use construction paper to cut out fun shapes to glue on your card.

Remember, you don't have to wait for Valentine's Day to make cards. This is a great idea for birthdays, Mother's or Father's Day or any other special day!

## Recycling Word Search

(Answers)



## Recycling Really Adds Up!

Check out how much money you can make by recycling the following beverage containers. A small container is one that is less than 24 ounces and a large container is one that is more than 24 ounces.

50 small containers and 20 large containers: \$ 4.50  
100 small containers and 60 large containers: \$ 11.00  
150 small containers and 80 large containers: \$ 15.50  
200 small containers and 100 large containers: \$ 20.00

Just think of all the cool things you could buy with all of that money. Recycling sure does pay off!

Now it's your turn. Figure out how much money you can make by recycling the following combinations of beverage containers. Remember, **you can now get 5 cents for a small container and 10 cents for a large container.**

- 15 small containers and 25 large containers = \_\_\_\_\_
- 60 small containers and 50 large containers = \_\_\_\_\_
- 135 small containers and 90 large containers = \_\_\_\_\_
- 300 small containers and 150 large containers = \_\_\_\_\_
- 500 small containers and 300 large containers = \_\_\_\_\_

(Answers on page 4)

# How Glass is Recycled



Have you ever thought about what happens to the glass bottles that you place into your curbside recycle bin or take to the recycling center to be recycled?

Recycled glass can be used to make marbles, jars, bottles, plates, bowls, tile and more!

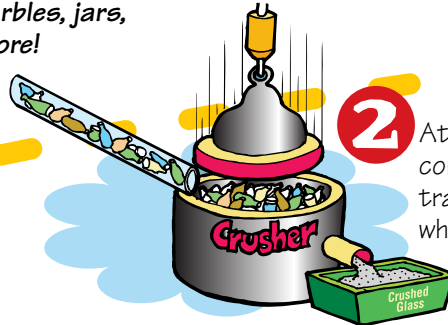
**1**

The glass bottles collected from your curbside bins are taken to the recycling center.



**2**

At the recycling center, the glass containers are sorted by color and transported to a processing facility where they are cleaned and crushed into tiny pieces called cullet.



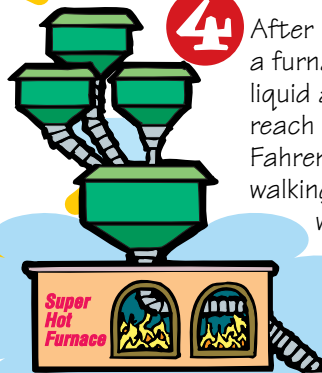
**3**

The cullet is transported to a glass manufacturing plant and mixed with sand, soda ash and limestone (minerals that come out of the ground).



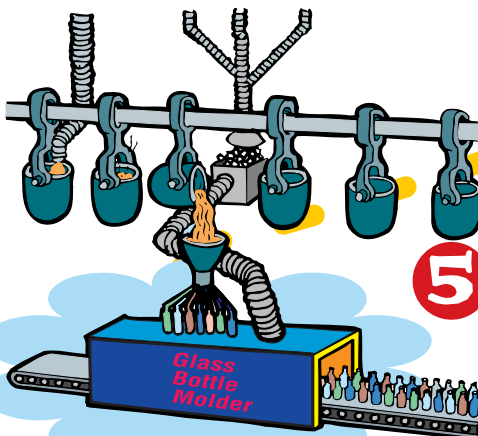
**4**

After mixing, the batch is fed into a furnace and is melted into a thick liquid at temperatures that can reach around 2800 degrees Fahrenheit. (Ouch! and you thought walking on the sand at the beach was hot.)



**5**

The melted glass is dropped into a glass forming machine where it is poured into molds, blown with air and shaped into its final shape such as a soda bottle.



**6**

Once the mold is removed, the glass is cooled, inspected and shipped to companies that make drinks and food products.



**RECYCLE**

Department of Conservation

• Division of Recycling  
1-800-RECYCLE

• [www.conservation.ca.gov](http://www.conservation.ca.gov)



State of California  
THE RESOURCES AGENCY  
Department of Conservation  
Division of Recycling  
801 K Street, MS 17-01  
Sacramento, CA 95814

## Recycling Word Search

Hey RecyCoolers! Hidden inside this word search are 12 very important terms. See how fast you can find them all! Words can be horizontal, vertical or diagonal.



R C L E S X C N S B T L E S T R A H E L I N D O R E R J  
A R K O P E S O Q R E A T S H U X K M O D E R A T I J U  
O V E B G L R E U S E T Y S A W Z O X E N R I V R L T L  
S P I R S Y R E I L A S C A F O R N S T E R W A N S O I  
R C A N S A L O D R E S U E T Y E R D A M O R E R I K E  
E R Y C L E S C R U C R Y E N V I N M E T O Y L A S R S  
R O M C A F O N R O C A L I F O R N I A B E A C Y E D U  
E S T E R W A S T I R E R E S L Y T R I C L O S R T Y N  
X I R A S A R E C L E S O Z E H A R E W T R Y S U L I S  
H E A L U M I N U M A L M U R S I F A R E C L E R A H H  
G A R E T O R E W A L O R T C V R E T E G L Y C E R I I  
L U S E C R A T E R O N Y H R E C Y C L E R E D O R E N  
A R E M Z E R N A M I R E D O R E Y L E D U R A C U I E  
S K A T O R Y L T I C P L A S T I C C L A S C A R T R E C  
S A I R O N E R T E N V I R O N M E N T D A L E O E W S  
A G R O R E Z A L T E R A F E G O R I C L E R E T Y C A  
L I S T O R E C X A L T U R A L B O T T L E S A N K C N  
R E C Y K L E A M U N I L U W E R O G E T R U N A C E I

## Recycling Really Adds Up!

Answers:

- 1) \$ 3.25
- 2) \$ 8.00
- 3) \$ 15.75
- 4) \$ 30.00
- 5) \$ 55.00



- |               |                |            |            |
|---------------|----------------|------------|------------|
| 1) Aluminum   | 4) Cans        | 7) Glass   | 10) Reduce |
| 2) Bottles    | 5) CRV         | 8) Plastic | 11) Reuse  |
| 3) California | 6) Environment | 9) Recycle | 12) Rex    |

(Answers on page 2)